

- 1 55. The apparatus as recited in claim 54, wherein said microprocessor is addressable.
- 1 56. The apparatus as recited in claim 54, wherein said sensor units further comprise a  
2 signal conditioner, an A/D converter, and a clock.
- 1 57. The apparatus as recited in claim 54, wherein said microprocessor controls storage  
2 to said first data storage device.
- 1 58. The apparatus as recited in claim 50, wherein said transmitting device can  
2 transmit data from said first storage device to said control unit.
- 1 59. The apparatus as recited in claim 59, wherein said second data receiving device  
2 and second data storage device are for receiving and storing said data transmitted  
3 to said control unit.
- 1 60. The apparatus as recited in claim 50, wherein said first transmitter and said second  
2 transmitter are wireless transmitters.
- 1 61. The apparatus as recited in claim 50, further comprising a triggering device for  
2 modifying the storing of data to said first data storage device or for initiating  
3 transmission of data from said sensing unit to said control unit, wherein said  
4 triggering device is controlled by a real time change in information about the  
5 structure or live subject.

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**Remarks**

Claims 1-61 are pending in the application. New claims 40-61 have been added.  
No new matter has been added by virtue of this amendment. Consideration of the  
application as amended is requested. Applicant respectfully requests favorable

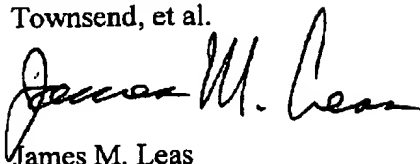
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reconsideration. If there are any questions please call applicant's attorney at 802 864-1575.

Respectfully submitted,  
For: Townsend, et al.

By:   
James M. Leas  
Registration Number 34,372  
Tel: (802) 864-1575

James M. Leas  
37 Butler Drive  
S. Burlington, Vermont 05403

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